

## COMPOSITE HIGH FREQUENCY COMPONENT

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### Abstract of JP9200077

PROBLEM TO BE SOLVED: To provide a composite high frequency component in which an occupied area and volume for a device to be mounted is reduced so as to improve the flexibility of the circuit arrangement and an impedance matching circuit is not required.

SOLUTION: A composite high frequency component 10 includes a multi-layered board, diodes D1, D2 being high frequency switch components, and a printed circuit board. On the outside of the multi-layered board, a transmission circuit use external electrode TX, a reception circuit external electrode RX, an antenna external electrode ANT, control external electrodes Vc1, Vc2 and a ground potential external electrode, and in the inside of the multi-layer board, strip lines L1-L3 and capacitors C1-C6 being components of a high frequency switch 1 and strip lines L4, L5 and capacitors C7-C9 being low-pass filter components 2 are formed.

